

Software Development Engineer In Test(sdet) Resume

📍 Columbus, OH

SUMMARY:

- Over 8 years of experience as a **QA Automation Engineer - SDET**, extensively worked on Manual, **Automation, DevOps Testing of Web Client Server, Cloud(AWS), Mobile, API, Webservices** applications. Experience on various domains such as **Ecommerce/Retail, Banking, Financial services and Healthcare**
- Expertise in Manual and Automation Testing of **Client/Server, Mobile, Web-based and Cloud (AWS)** applications.
- Excellent knowledge and implementation skills in complete Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle (**STLC**)
- Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into Test Scenarios.
- Experience in **Waterfall** and **Agile** Projects, worked very closely with Product owners in Agile and attended different ceremonies like **Sprint Planning meeting, Scrum, Backlog grooming, Sprint Review and Retrospective**
- Proven ability in designing and creating automation frameworks using **Java, Selenium WebDriver, Junit, TestNG, Appium, Protractor, Jasmine, Maven, ANT, Jenkins, tools.**
- Experience of Creating, Modifying and Maintaining new and existing Automation Framework Models (**BDD/TDD/ATDD, Hybrid, Keyword and Data Driven Frameworks**).
- Experience in **Core Java**, development by applying different concepts like **OOPS concepts, Collections, String s, Exception handling, Multithreading** , etc. and experience in Groovy and JavaScript.
- Worked in **DevOps** , installing, configuring and integrating Automation scripts on **Continuous Integration tools (CI/CD)** like **Jenkins** for nightly test suite execution and working on knowledge on testing and configuring **Amazon Web services(AWS)**
- Expert in developing **Behavior Driven development (BDD/TDD/ATDD)** by writing Gherkin language using cucumber tool, developed **Scenarios, Scenario outlines, features and Step definitions** and generating the cucumber **reports**
- Experience in installation and Administration of version control systems like **GIT** (Distributed Version Control), **GitHub, SVN** Version Control
- Experience in automating **Mobile applications** using **Appium** .
- Automated AngularJS applications using Protractor, Jasmine (spec, **config** files)
- Working with Unit Test Frameworks like **TestNG, Junit, and Jasmine.**

- Experience in implementing the **Page Object Model (POM)** by creating element for each page object and reused all the objects in various scripts.
- Experience in testing **Web Services-SOA architecture**, XML transactions, **SOAP**, HTTP, WSDL, and **REST** using various tools like **SOAP UI/Ready API** and selenium.
- Automated Webservices by writing **Groovy** scripts and used **assertions** for data validation and performed data driven for validating different **endpoints** .
- Hands on Experience on maintaining **Clustered / High Availability Architecture** .
- Have knowledge on various **CLOUD** supported authentication systems namely **DB**, **LDAP** and **SSO** .
- Expertise in **HTML**, **CSS**, **HTTP**, **JavaScript**, **XML**, **AJAX**, **AngularJS** and **jQuery**.
- Worked with **Eclipse**, **Jxl**, **Apache POI**, **Log 4J**, **ANT**, **HTTP client** and **Maven**.
- Experienced using tools like **Fire Path**, **Firebug**, and **UI Automator Viewer** for finding elements locator and good knowledge in writing the absolute and relative **XPATHS** manually on need basis
- Performed Database/Backend testing by writing complex SQL Queries for **data validation and integrity**, good at writing **complex Joins** and knowledge in **PL/SQL**
- Worked with **Selenium Grid/ Sauce labs** for running multiple tests across different browsers, operating systems, and machines in parallel
- Worked on testing applications on different browsers like **IE**, **Firefox**, **Android**, **Safari** and **Chrome**
- Experience include Unit testing, Functional testing, User Acceptance Testing, Integration testing, System testing, browser compatibility testing & Security testing of client/server and Web Base Applications.
- Expertise in using various defect-reporting and defect-tracking tools like **JIRA**, **Rally**, **Bugzilla**, and **HP ALM**.
- Experience in writing good **quality object-oriented code** for testing purposes by following industry standard **java coding standards**
- Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.
- Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.
- Quality oriented mind set up with **Test to Break Attitude** and Tactful & Diplomatic Behaviour

TECHNICAL SKILLS:

Testing tools: Selenium WebDriver/RC, QTP, Appium, JUnit, TestNG, Firebug, Fire Path, Load Runner, JMeter.

Web Technologies: HTML, CSS, JavaScript, AngularJS, NodeJS, XML, XSLT, JDBC& REST services

Defect Tracking Tools: HP /Quality Center, JIRA

Build Tools: ANT, Maven.

Languages: Java, SQL, C#, C++, Python, VB.net, ASP.Net, .Net.

CI/CD Tools: Jenkins, Hudson's.

Cross Browser Platform: AWS, SauceLab and Selenium GRID

Databases: Oracle, DB2&MongoDB

Version Control: Subversion, Team forge, GIT, GITHUB, Source Tree

PROFESSIONAL EXPERIENCE:

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Software Development Engineer in Test(SDET)

Responsibilities:

- Involved in various meetings with **Business analysts and developers**.
- Conducted **Functional testing, Regression Testing using selenium with Data-driven framework and Key- Word driven framework**.
- Worked on Guidewire's Data hub and Info center solutions for Commercial Lines Transformation.
- Worked on an **End to End Guidewire Datahub/Info center** implementation of Policy center for Business Owners Property.
- Worked on Guidewire Policy Center to Datahub Data Conversion Effort for Business owners.
- Created automation test scripts using data Driven framework and Page Factory model to test the web applications using **Selenium WebDriver** with JAVA and maven.
- Expertise in using **Selenium Grid** to run test scripts on different platforms and against different browsers in parallel to save time.
- Used **Jenkins** to execute the test scripts periodically on **Selenium Grid** for different platforms like desktop, tablet and mobile.
- Performed Cross browser testing and **Parallel testing on Chrome, Firefox and Safari using TestNG and Maven on Selenium grid**.
- Expertise in grouping of Test suites, Test cases and Test Methods for Regression and Functional Testing using **TestNG Annotations** like Groups, Parameter, Data Provider and Tags.
- Utilized **Maven to Manage dependencies** for Test execution, plug-ins and created profiles of grouped Test cases to Run sanity and Regression Testing.
- Involved in developing **BDD Frame work** from Scratch.
- Involved in the usage of BDD framework to **Develop Cucumber** Step Definitions, Scenarios and Features using acceptance criteria.
- Involved in **DevOps Migration/automation** processes for Build and Deploy systems.
- Setting up **Jenkins** master, adding the necessary plugins and adding more slaves to support scalability and agility.
- Planning and setting up of Continuous Integration for various properties on **Jenkins with Commit, Component, Assembly, Deploy and Smoke jobs**.
- Experience setting up instances like **Elastic Load Balancer** in **AWS** for high availability.
- Used **AWS to deploy the project** on **EC2 instance**. Implementation of the Business logic layer for Services.
- As Test Automation Engineer driving towards the quality and effectiveness of Digital **Product EASE Web Plat form** .
- Integrated Jenkins with **version controller(GIT)** and scheduled builds to run automatically during build release by invoking predefined maven commands.

- Used Linux/Unix commands for using **Git**
- Utilized Apache POI jar file to read test data from the excel spread sheets.
- Administered and Engineered **Jenkins** for **managing weekly Build, Test, and Deploy chain, GIT** with **Dev/Test/Prod** Branching Model for weekly releases.
- Handled **Selenium Synchronization** problems using Explicit & Implicit waits during regression testing.
- Expertise in mobile automation using Appium, selenium, java in both Android and IOS.
- Experience in **writing complex XPATH** using following and preceding and using functions like contains and not contains.
- Thorough experience in implementing **Automation Tools Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, SOAP UI and REST with POSTMAN.**
- Used runner classes in cucumber to generate step definition and used tags to run different kinds of test suites like smoke, health check and regression.
- Created profiles in maven to launch specific TestNG suite from **Jenkins job**
- Implemented SOAP UI tool to test SOAP based architecture application to test SOAP services
- Involved closely with developers in Development of UI modules using HTML, JSP, **JavaScript** and CSS.
- Used the Groovy language to **Verify Web Services Through SOAP UI**
- Shared Daily Status Reports with all the team members, Team Leads, Managers

Environment: Selenium, Devops, AWS, Java, Java Script, Jenkins, Git, GitHub, SOAP, REST, SOAP, POSTMAN, Android, Mobile, iOS, Cucumber, BDD, Agile, Oracle 10g, putty, MS word, MS XL, Quality centre, WebDriver, TestNG, MAVEN, Guidewire.

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QA/ Selenium Automation Tester

Responsibilities:

- Analyzed the **Business Requirements** and **Developed the Detail Test Plan** and the Test Strategy.
- Involved in resolving the Technical challenges & in efforts estimation and **Test Planning.**
- Designed **Manual and Automated Tests, created Automated test cases**, test plans and executed tests using **HP ALM, Selenium.**
- Involved in writing Automation scripts and executing scripts.
- Created iOS and Android test frameworks based on APPIUM, Cucumber, and JavaScript.
- Developed **BDD** and TDD script with **Cucumber** and written step definition using **Gherkin** based features.
- Involved in **Automation Feasibility** Study for Web based applications.
- Attended Financial Product training, discussed issues and interacting with customers.
- Hands on experience with Swift Payment Method.
- Configured **Selenium, Testing, Maven** tool and created **selenium automation** scripts in java.
- Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid and Jenkins.**
- Responsible for Testing **EASE Web Core** as part of Team Sapphire

- Involved in designing and **Developing Automated Functional Test** suite using **Selenium IDE** and **Web Driver**.
- Involved in Functionality, System, Integration, and Regression Test of Web based Reports.
- Wrote and executed automated test cases using **HP ALM**, **Selenium WebDriver** & **Soap UI** to **automate manual testing solutions**.
- Performed multiple SOA architecture web services validation using **SOAP UI Pro**.
- Performed **Web Service API testing** for UI content verification and validation with business logic XML using **SOAP UI & JMeter**.
- Performed functional tests using **Selenium WebDriver** with data driven framework and documented results in a database.
- Performed **XML documents testing** using XSD schemas.
- Executed and enhanced **QTP** framework using Scripting by implementing **Page Object Model**.
- Monitored business applications support requests and responded quickly to resolve support issues related to Fusion Performance Management and Goal Management.
- Performed **End to End testing** by validating the data using Microsoft Excel.
- Prepared test cases for Navigational testing, Functionality testing and User interface testing.
- Involved in the **Defect Review Meetings**, build meetings and release meetings to resolve the outstanding issues.
- Prepared **Go-No-Go** document for project releases.
- Involved in writing the QA Test Results and Evaluation Reports.

Environment: Selenium, AWS, Maven, Jenkins, Devops, Appium, Android, Emulator, Rest Assured, REST, SOAP, XML, Quality Center 9.2, Soap UI, Cucumber, API Testing, QTP 10.0, Agile, Windows 7/XP, Oracle 11g.

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QA Engineer - SDET

Responsibilities:

- Providing end to end testing services for the Ecommerce web application.
- Involved in **QA Docs (Test Plan, Scenarios, RTM, Test Case Design)**, Peer Reviews, Test.
- Designed & Implemented a Hybrid Test **Automation Framework** using **Selenium WebDriver**.
- Performed **GUI functional testing manually** for the application.
- Expertise in **Test Plan creation, Test Case Design**, Test case Review, Test Case Execution, Writing Test scripts, testing tools Usage, Defect management, and Prepare Test reports.
- Experience in **Agile** and waterfall **methodologies, Test Driven Development (TDD)**
- Planned, designed, executed and evaluated performance tests of web application and services and ensured optimal application performance using Load Runner.
- Designed and reviewed the Test scenarios and scripts for given **functional requirements and Automated test cases in Selenium**.
- Developed **automation test cases**, executed these test scripts from test lab and logged defects in **JIRA/ALM**.
- Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.

- Functional and regression testing of .net applications is done using Quick Test Pro (QTP).
- Generated automated scripts using QTP and documented them, created and maintained functional & regression test suites.
- Configured **Selenium Web Driver, TestNG, Maven tool** and created **Selenium automation** scripts in **java using Testing** prior to next quarter release.
- Created and maintained **automated test script** for API testing using Restful.
- Performed API Level testing for web services, enhanced the Test harness and developed many Test suites using XML.
- XML / **SOAP using Soap UI** and **Postman** tool.
- Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from SQL Server.
- Designed data-driven testing in Selenium and captured data dynamically from web controls.
- Performed Functional, System and Regression Testing on web and mobile applications at various phases of the Project life Cycle.
- Actively involved in **STLC** process and used tools like **Selenium RC/Web driver, JMeter, SOAP UI**.
- Setup /Installed and Configured Selenium IDE.
- Used Selenium WebDriver API to automate tests.
- Perform browser compatibility testing of application under various cross browsers (Safari, Firefox, IE, Chrome) using HTML IDs and XPATH in Selenium WebDriver.
- Involved in implementing logging and tracking using Jira.

Environment: Java, .Net, JIRA, Jenkins, ALM, SOA Tester, Eclipse, Junit, Load Runner, Cucumber, HTML5, CSS, JBOSS, Oracle, Maven, JMeter, SVN, Node.JS, Selenium Grid, TestNG, Selenium WebDriver.

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Automation Engineer - SDET

Responsibilities:

- Analyzing the Business Requirement Document, High level and Low-level design documents.
- Create and review - Test scenarios, Test suite preparation, Test Data creation, Test case execution and Defect logging. SADF
- Wrote **Automation scripts using Selenium web driver**.
- Automation of **functional testing framework** for all modules using Selenium Web Driver.
- Preparation of Test scripts using Selenium Web driver (Automation tool) with java for Functional Test cases.
- Automating the **regression & project cases using Selenium**.
- Designed Hybrid framework in Selenium and captured data dynamically from web controls.
- Performing Failure Analysis for the regression failed cases using Selenium.
- Organize **weekly meetings with Client leads & Onsite manager regarding the Automation status**.
- Point of contact for Process related activities like Metrics reporting & Operation clarity.
- Review - Defect prevention plan and **Software configuration management plan**.

- Responsible for all aspects of project delivery (Test Design, Test execution and Test summary report) and management (**Test metrics and Risk analysis**) to client partners, offshore manager and Onsite manager.
- Organize weekly meetings with offshore managers, Onsite Coordinator & Onsite manager to discuss the Project goals and report the health of the overall project status.
- Updating the application down time in Environment Tracker during test execution phase.
- Performed Integration Testing in Vendor Development environment and **System Testing in SIT environment** and **User Acceptance Testing in Pre-Production Environment**.
- Involved Preparation of **Traceability Matrix and mapping the Test Cases** with the requirements and
- Test Metrics in **Quality Center**.
- Reported bugs in **Quality Center with server logs** information from Web and DB servers.
- Performed Regression Testing as part of every build.
- Developed SQL Queries for testing various Database validations.
- Responsible for writing **automated test cases using QTP/UFT**.
- Created and Executed automated test scripts for regression testing using QTP/UFT.
- Test Scenarios preparation using **QTP**.
- **Automation Framework** implementation for UFT / QTP.
- Independently creating and executing UFT / QTP scripts.
- Involved in pilot project for **automation using Selenium IDE/RC**.
- Implemented Selenium using TestNG frame work with Java.

Environment: Quality Center, BDD, Windows, Java, SQL, Oracle, Selenium (WebDriver, RC, Grid), TestNG, Eclipse, Firefox, IE, Chrome, Safari, Opera, Performance testing.

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Java Programmer

Responsibilities:

- Designed and developed the application using agile methodology.
- Used the iterative incremental framework **Scrum with Agile Software Development**.
- Designed and **developed UI using JSP**, dynamic JSP and page validations using JavaScript.
- Involved in database schema design and **review meetings**.
- Configured application flow, controlling logic and navigation.
- Designed and developed base classes, **framework** classes and common re-usable components.
- Involved in **re-factoring** the existing components to meet the current application requirements.
- Used various Java and J2EE APIs including JDBC, XML, Servlets, JSP, and JavaBeans, Spring Framework.
- Involved in **Performance tuning, debugging** issues in testing and deployment phases.
- Implemented RDBMS to add the additional condition for the system to support a tabular structure for the data with enforced **relationships between the tables**.
- Utilized PL/SQL for querying the database.
- Coordinated on-site and offshore development teams in various phases of the project.

Environment: Java, J2EE, JSP, Servlets, EJB, XML, HTML, JavaScript, JDBC, Oracle, PL/SQL, Eclipse, spring, Hibernate, RDBMS, Tomcat, Windows.

